

IN THE CLAIMS

The claims pending in this application, reflecting applicant's election in response to the restriction requirement, are as follows:

1. (previously presented) A data conversion and transmission system comprising:

wire and wireless terminal clients (100, 110);

a management server (200, 500) connected with the wire and wireless terminal client (100, 110) over the internet (300);

a data server (700) and a data conversion and transmission server (600) which are both connected to the management server (200, 500),

wherein the wire and wireless terminal clients (100, 110) for information provision receive an input form corresponding to to-be provided information among input forms stored in the data server (700) from the management server (200, 500) to provide the information, and

wherein the management server (200, 500) extracts requested information from the data server (700) according to requests of the wire and wireless terminal clients (100, 110) for information access to convert the extracted information into a format adaptive to a specification (protocol) and a platform of the wire and wireless terminal clients (100, 110) using the data conversion and transmission server (600), for provision.

2. (currently amended) The data conversion and transmission system of claim 1, wherein the management server comprises:

a wire server (200) connected with the wire terminal client (100);

a wireless server (500) connected with the wireless terminal client (110); and

the system further comprises a data conversion and transmission server (600), the data server (700) and the data conversion and transmission server (600) are shared by the wire and wireless servers (200,500).

3. (previously presented) The data conversion and transmission system of claim 2, wherein the data conversion and transmission server (600) extracts an input form requested by the wire terminal client (100) for information provision, correspondingly to an information kind and from the data server (700) to provide the extracted input form, and stores, in the data server (700), the information provided from the wire terminal input (100) through the input form, and extracts information requested by the wireless terminal client (110) for information access from the data server (700) to convert the extracted information into a format adaptive to a mobile specification and a platform of the wireless terminal client (110) for provision.

4. (previously presented) The data conversion and transmission system of claim 2, wherein the data conversion and transmission server (600) extracts an input form requested by the wireless terminal client (110) for information provision, correspondingly to an information kind and from the data server (700) to provide the extracted input form, and stores, in the data server(700), the information provided from the wireless terminal client (110) through the input form, and extracts information request by the wire terminal client (100) for information access from the data server(700) to convert the extracted information into a format adaptive to a mobile specification and a platform of the wire terminal client (100) for provision.

5. (previously presented) The data conversion and transmission system of claim 1, wherein the wire terminal client (100) includes a computer system, and the wireless terminal client (110) is any one of a mobile phone, a wireless PDA, or an IMT-2000 terminal.

6. (previously presented) The data conversion and transmission system of claim 2,

wherein the data server (700) comprises an input form database (DB) (710,710') for storing an input form for receiving information from information providing wire and wireless terminal clients (100,110); an input information DB(720) for storing information provided through the input form; a member information DB(730) for storing user information provided at the time of member registration; and a wireless terminal information DB (740) for storing information on a mobile specification and a platform of a wireless terminal (110) used by a registered member,

wherein the wire and wireless server (200,500) comprises a member management module (250,550) for registering a user that desires information provision or information access as a member such that information on the registered user is stored and managed in the member information DB (730); a verification module (240,540) for verifying whether or not the user connected to the wire or wireless server (200,500) is the registered member; an information input management module (230,530) for extracting an appropriate input form from the input form DB (710,710') by requests of the information providing wire and wireless terminal clients (100,110) to provide the extracted input form, and storing information provided from the information providing wire and wireless terminal clients (100,110) in the input information DB (720); and a control module (210,510) for controlling a mutual operation among respective modules, in which the data conversion and transmission server (600) is controlled to store the information provided from the information providing wire and wireless terminal clients (100,110) in the input information DB(720), or in which if the data conversion and transmission server (600) converts extracted information adaptively to information accessing wire and wireless terminal clients (100,110) by request of the information accessing wire and wireless terminal clients (100,110), the converted information is transmitted to the information accessing wire and wireless terminal clients(100,110), and

wherein the data conversion and transmission server (600) stores, in case the information input management module (230,530) transmits the information provided from the information accessing wire and wireless terminal clients (100,110) the transmitted information in the input information DB(720), and converts, in case information access is requested by the information accessing wire and wireless terminal clients (100,110), the stored information into a format adaptive to the information accessing wire and wireless terminal clients (100,110) to provide the converted information.

7. (withdrawn) A data conversion and transmission method applied to a data conversion and transmission system comprising wire and wireless terminal clients (100,110); a wire server (200) connected with the wire terminal clients (100); a wireless server (500) connected with the wireless terminal clients (110); and a data server (700) and a data conversion and transmission server (600) shared by the wire and wireless servers (200,500), wherein the method comprises the steps of:

in correspondence to the kind of information provided depending on requests of information providing wire and wireless terminal clients (100,110) for information provision, extracting an input form from the data server (700) by the wire and wireless servers (200,500), transmitting (S308) the input form to the information providing wire and wireless terminal clients (100,110) by the data server (700), and storing the information provided through the input form in the data server (700) by the data conversion and transmission server (600);

transmitting (S505) terminal device information and an information kind of the information accessing wire and wireless terminal clients (100,110) to the data conversion and transmission server (600) by the wire and wireless servers (200,500) if the information accessing wire and wireless terminal clients (100,110) for information access are connected with the wire and wireless servers (200,500);

extracting (S512) information coincident with the information kind of the transmitted information from the data server (700) by the data conversion and transmission server (600);
converting (S513) the extracted information into a format corresponding to the transmitted terminal device information by the data conversion and transmission server (600); and

transmitting (S514) the converted information to a connected terminal device (100,110) by the wire and wireless servers (200,500).

8. (withdrawn) The data conversion and transmission method of claim 7, wherein the input form comprises URL information of the wire and wireless servers (200,500).

9. (withdrawn) The data conversion and transmission method of claim 7, wherein the information provided from the information providing wire and wireless terminal clients (100,110) has information on a geographical region for which the information is provided.

10. (withdrawn) The data conversion and transmission method of claim 7, wherein in case the input form corresponding to the information provided from the information providing wire and wireless terminal clients (100,110) does not exist, information to be inputted by the information providing wire and wireless terminal clients (100,110) is analyzed such that the input form is created (S307) to be stored in the data server (700) and simultaneously to be provided (S308) for the information providing wire and wireless terminal clients (100,110).

11. (withdrawn) The data conversion and transmission method of claim 7, wherein the information provided from the information providing wire and wireless terminal clients (100,110) is classified and stored by a member, and is classified by the

information kind or an information accessing region and stored in the data server (700) by the data conversion and transmission server (600).

12. (withdrawn) The data conversion and transmission method of claim 7, wherein in case of the wire terminal client (100), the terminal device information is a management platform, and in case of the wireless terminal client (110), the terminal device information has a mobile specification (protocol) and a platform.

13. (withdrawn) The data conversion and transmission method of claim 12, wherein the terminal device information on the wireless terminal client (110) further comprises current position information of the wireless terminal client (110).

14. (withdrawn) The data conversion and transmission method of claim 7, wherein the converted format comprises HTML or XML format in case of the wire terminal client (110), and comprises WML, HDML, WinCE or JAVA format in case of the wireless terminal client (110).

15. (withdrawn) The data conversion and transmission method of claim 7, further comprising the step of checking (S506) whether or not the connected wire and wireless terminal clients (100,110) are supported on basis on the terminal device information if the terminal device information on the information accessing wire and wireless terminal clients (100,110) is transmitted to the data conversion and transmission server (600).

16. (withdrawn) The data conversion and transmission method of claim 7, wherein after information is provided through the input form to be stored in the data server (700), an input list of the provided information is displayed, and the provided information is served (S312) or not served (S313) depending on a selection of the information providing wire and wireless terminal clients (100,110).